

1,000 *copy*
 U.S. Department of Agriculture
 Statistical Reporting Service
 U.S. Department of Commerce
 Environmental Science Services Admn.
 Weather Bureau

7-20-70
 Nebraska Department of Agriculture
 Division of Agr'l. Statistics
 Agricultural Extension Service
 of Nebr. College of Agriculture

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Release 7/20/70

Week Ending 7/20/70

WEATHER Temperatures in Nebraska during the past week averaged a little below normal, but the range in temperature was large. There were several very hot days with temperatures in the upper 90's or in excess of 100 degrees. It was cool early in the week and turned very cool for July on Sunday with afternoon highs generally in the 70's. This morning (Monday 20th) the temperatures across the State were at or near record lows for the date with readings generally in the 50's. Valentine had a low of 49 degrees.

Scattered showers that fell early in the week and again late in the week left little moisture at most sites. However, local areas mostly in the southeast and also along the western border from Scottsbluff to Haigler received amounts ranging from one to two inches.

CROPS Dryland crop conditions continued to decline with only local areas getting relief from drought. Except for the Panhandle, central and southwest, most conditions were reported fair. Dry soils quickly soak up the rainfall, and soils continue to be dry over much of the State.

About 50 percent of the corn has reached the silking stage compared to 38 percent normal. Some dryland corn is beyond recovery with tasseling occurring on very short stalks. Irrigated corn is making good progress, but problems still exist for some stream irrigators. Grasshoppers are starting to cause some damage in the southeast. Corn borer moths have also been noted in some fields.

Sorghum development has been slowed by the dry conditions. Heading is near normal with about 15 percent of the acreage having reached that stage of maturity. Greenbug populations are building up in some fields, and control measures will be necessary.

Soybean growth has been slowed and only 5 percent are podding. This is about 10 percent less than recent years.

Wheat harvest is 85 percent complete. Combining in the Panhandle has been sporadic with showers and high humidity slowing operations. Harvesting oats in eastern areas is making good headway with generally good yields reported.

Sugar beets, potatoes and dry beans have made good growth. The crops are being irrigated and adequate water is available. Early beans are just starting to bloom. The second alfalfa crop is about 75 percent cut, but prospects for the third crop are declining. Pasture feed conditions are below average in 60 percent of the counties.

LIVESTOCK Heat is causing discomfort to livestock and has slowed gains. Supplemental feeding and possibly some marketing will be needed where pasture feeds have been depleted.

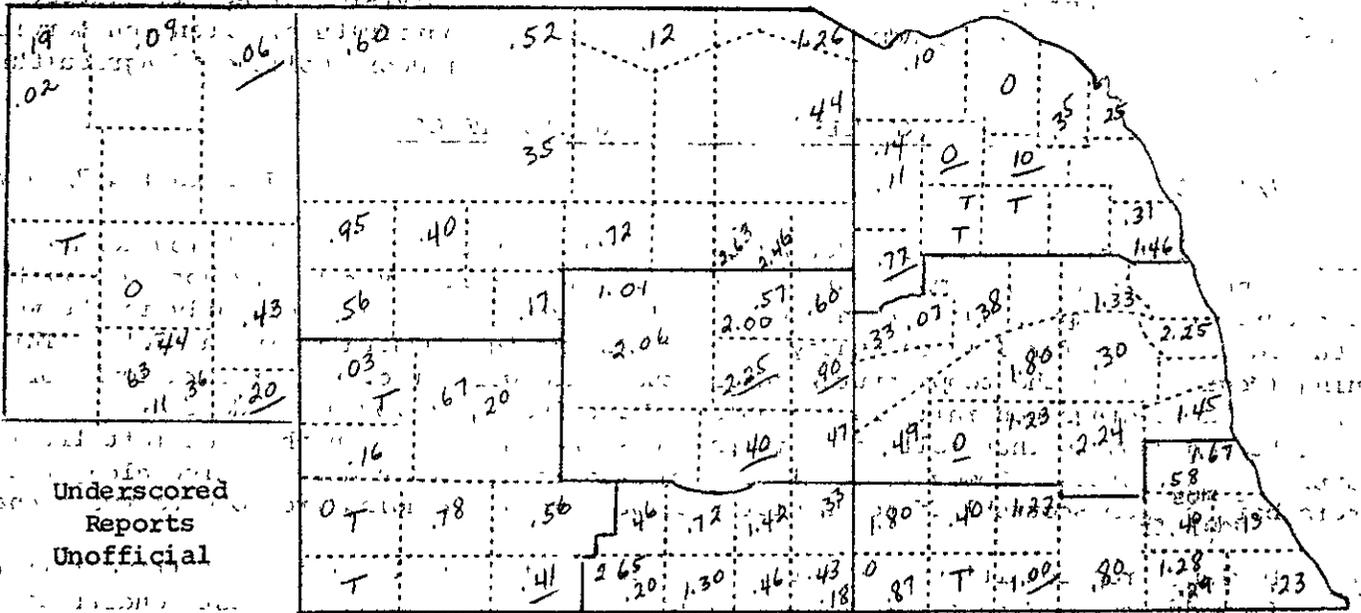
WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING JULY 19, 1970

East		Central		West	
Grand Island	.30	Burwell	2.69	Chadron	7.07
Lincoln	2.61	North Platte	.09	Imperial	7.47
Norfolk	.11	Valentine	.02	Scottsbluff	.71
Omaha	2.46			Sidney	1.14
Sioux City	.41				

Precipitation, April 1 - July 17, 1970

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.23	.73	.25	.99	1.03	.24	.82	.71
Total since April 1	8.90	9.78	10.04	8.74	9.40	7.73	9.11	11.71
Normal since April 1	8.88	10.26	11.95	11.28	12.52	9.47	11.09	13.42

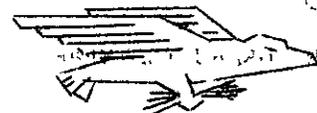
PRECIPITATION MAP FOR WEEK ENDING JULY 17, 1970



HIGHEST AND LOWEST TEMPERATURE (Day-time highs, 6:00 a.m. to 6:00 p.m. Night-time lows, 6:00 p.m. to 6:00 a.m., CST)

		July 13th		14th		15th		16th		17th		18th		19th	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	90	65	79	47	88	65	97	55	96	58	98	56	75	54
	Scottsbluff	90	60	81	47	86	58	94	55	100	59	96	64	81	56
	Sidney	90	63	82	47	83	57	94	58	98	60	98	61	82	52
NC	Burwell	86	67	90	54	84	56	89	66	97	70	96	61	73	50
	Valentine	89	68	82	51	87	65	99	61	102	67	101	61	75	49
NE	Norfolk	88	68	98	62	84	57	93	71	101	74	98	64	68	50
	Sioux City	85	64	93	64	84	58	91	66	94	69	91	66	70	50
CEN	Grand Island	90	66	100	57	88	61	96	69	101	75	101	71	79	53
EC	Lincoln	93	70	100	62	85	62	92	73	100	76	92	66	75	54
	Omaha	89	66	95	59	81	62	88	66	94	66	87	64	72	51
SW	Imperial	93	62	89	59	85	59	97	62	101	61	101	60	84	53
	North Platte	90	61	88	50	84	56	95	60	98	60	99	63	79	51

U.S. Department of Agriculture
 211 P.O. Building, Box 1911
 Lincoln, Nebraska 68501
 Official Business



POSTAGE AND FEES PAID
 U.S. DEPARTMENT OF AGRICULTURE